

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003218

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 B66B 11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B66B 11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR,JP : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPO. NPS system : "guide", "rail", "hole"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,549,180 A (HANSEN) 27 AUGUST 1996 See whole document	1-2
A	US 4,699,251 A (ORNDORFF et al.) 13 OCTOBER 1987 See whole document	1-2
A	US 5,644,111 A (CERNY et al.) 1 JULY 1997 See whole document	1-2
A	JP 2-13590 A (TOSHIBA CORP) 17 JANUARY 1990 See whole document	1-2

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

20 APRIL 2005 (20.04.2005)

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